TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 3 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and Co. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a space of from 6 to 12 feet, at a price not exceeding weight for weight that of common Crown Glass but having transparency, tenacity, and when used in Crown Houses no unsightly corners; the BOSTRAD SPARKENDY and strength render it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Pavements, Warehouses, &c., for which purposes it is supplied in sizes of all sizes, from 6 by 6 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1871.

GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS,

Of three thicknesses, in long lengths: an ornamental substitute for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; examples of which may be seen at

JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.

IRON ROOF WORKS.

By Royal Letters Patent.

JOHN WALKER, Son of the Patentee, GENERAL CONTRACTOR,

Having extended his means for executing Orders, and Contracts for

CORRUGATED IRON BUILDINGS AND ROOFS,

Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c. Merchants are invited to ascertain his Prices for Shipping Orders. The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated. References to Firms of the first class.

FIRE-PROOF FLOORING.

The earnest attention of ARCHITECTS, ENGINEERS, &c. &c. is called to a particularly economical mode of erecting Fire-proof Floors capable of sustaining great weight, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained at the Offices,

63, GRACECHURCH-STREET, LONDON.

TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, constantly on sale, at very moderate prices. FIRE-PROOF SAFES of every size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

ARTESIAN WELLS, Boring for Water, Sinking Shafts, &c.—The Kirkby Gentry Water Companies, Tunnel, Foot-law Cutters, Public Baths, Brewers, Distillers, Paper-makers, Manufacturers of every description, may be SUPPLIED with any quantity by DAVID GREENSLEY, Civil Engineer, and patentee of boring tools, 16, Cumming-street, Pentonville, London, who, having had upwards of twenty years' experience, is enabled to give the most satisfactory and highly responsible Contracts and machinery of every description for raising water from deep wells, boring tools, with suitable pipes, for superintendent, with instructions. Men and tools supplied to home for railroads, minerals, &c.

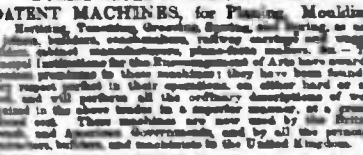
THE GREAT EXHIBITION IN LONDON AWARDED A PRIZE MEDAL TO THESE MACHINES.

PATENT MACHINES, for Planing, Moulding, Mortising, Tenoning, Grooving, Sawing, and Boring, as used by joiners, builders, cabinetmakers, railway carriage and wagon builders, pattern makers, pianoforte-case makers, &c.—The principal machines in the Machine Department of Arts have been selected from specimens in these machines; they have been found in every respect perfect in their operations, on either hard or soft wood, and will perform all the ordinary descriptions of work required in the above trades in a superior manner, at a greatly reduced cost. These machines are now used by the British, French, and American Governments, and by all the principal manufacturers, furniture, and cabinetmakers in the United Kingdom.

Sold by WILLIAM FAIRBAIRN, Patentee, 69, Lawton-street, Liverpool.

PRIZE MEDAL, CLASS 28.

HIGH-PRESSURE VALVE COCKS.—LAMBERT'S PATENT.



These Cocks have, during the last five years, been extensively used, and successfully tried in many Towns under continuous high pressure, varying from 100 to 300 feet; their efficiency and durability is by experience established.

The Equilibrium Ball-valve is simple and certain in its action, and is cheaper than the common Cocks now in use.

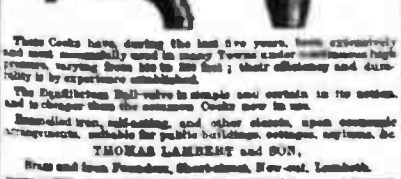
Economical trap, safe-coupling, and other designs, upon economic arrangements, suitable for public buildings, cottages, asylums, &c.

THOMAS LAMBERT and SON,

Brass and Iron Founders, Short-street, New-cut, Lambeth.

TO WATER-COMPANIES AND PLUMBERS.

HIGH-PRESSURE COCKS and CLOSETS.



The Health of Towns Commissioners having recommended the adoption of the high pressure principle in all towns, WARNER'S HIGH-PRESSURE COCK is recommended as a Cock free from changes, and applicable for all purposes and situations. Patent Closets and Basins with supply-valve for attaching direct to main pipes without a cistern, valve, or wire.

LEAD, IRON, and TIN PIPE.

JOHN WARNER and SONS, Manufacturers, 6, Cresent, Jewin-street, London.

HEAL and SON'S ILLUSTRATED CATALOGUE of BEDSTEADS, sent free by post, contains designs and prices of upwards of One Hundred different Bedsteads, in Iron, Brass, japanned Wood, polished Birch, Mahogany, Rosewood, and Walnut-tree Woods; also their prized Lead Bedsteading, and their new warerooms enable them to keep one of each design fixed for inspection. They have also, in addition to their usual stock, a great variety of the best designs of PARISIAN BEDSTEADS, built by themselves, which they have just imported.—HEAL and SON, Bedstead and Bedding Manufacturers, 196 (opposite the Chapel), Tottenham-court-road.

THE PATENT GALVANIZED IRON.

TUPPER and CARR,

Owners of Crawford's Patents, and Successors to

THE GALVANIZED IRON COMPANY,

Supply patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Castings, Wire of all sizes, Guttering, Hooping, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—MILLWALL and BIRMINGHAM.

LONDON OFFICE, 2, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING WORKS, BIRMINGHAM, late of Southwark.

JOHN E. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

LONDON—Office, 24, Cornhill.

THE PATENT

GALVANIZING and CORRUGATING IRON COMPANY,

JOHN SYMONDS and Co., Managers.

The Company having made considerable improvements in the mode of working CRAUFURD'S PATENTS, and being able to galvanize larger work than was formerly practicable, they are in a position to execute orders to any extent, in a manner hitherto unequalled, and respectfully solicit the favours of builders, contractors, and others.

ON HAND, sheets, plain or corrugated, for iron houses, sheds, railway stations, &c.—Sent to order, if required. Wire, piping, guttering, &c., for house use and exportation.

N.B.—Goods to be galvanized, sent for and returned free of charge, within three miles of the Tower; and all light goods returned by 5 the o'clock will be returned the same day, if required.

OFFICES—12, CIRCUS, MINORIES.

WORKS—GLASS-HOUSE-YARD, opposite the London Docks.

. A discount allowed to the trade.

PAPER-HANGINGS, by E. T. ARCHER'S patented Machine, Blocks, Cylinders, and Artistical Labour, at his Manufactory for all kinds of papers adapted for universal decorations. PANELLED DECORATIONS fitted up on the walls of the extensive Show Rooms, in every known style, and for all purposes, by artists of known merit.

Always on hand a CHOICE and EXTENSIVE SELECTION of FRENCH PAPERS, from the best manufacturers in Paris.

Attached to the paper-hanging factory there is the choicest assortment of CABINET FURNITURE in London, of the best marks, and upholstery goods of the first fabric. Brussels carpet, 2s. 6d. per yard; floor cloths, the best that can be made, cut to any dimensions, 2s. 2d. per yard; silk and worsted curtains, of the finest fabric, 3 feet wide, 6s. per yard, &c.

E. T. ARCHER'S, 311, Oxford-street.

PAPER HANGINGS.—R. HORNE, PAPER-HANGING MANUFACTURER, 41, Gracechurch-street, City, invites builders and the trade to inspect his extensive stock of NEW DESIGNS in PAPER-HANGINGS, which, by the aid of powerful machinery, he is enabled to offer at the following prices, in stock quantities, for cash only, viz:—

Sheet lining paper		2d.
Superior ditto	4d. and	7d.
Bed-room papers, in great variety	at	6d.
An excellent cash paper	at	8d.
Rich gilt flock on tinted grounds	9d. to	1s.
Hand-made marbles	2d. to	4d.
Good satin papers	1s. 6d. to	2s.
Flock papers	2s. 6d. to	3s.
Hand-made granites	2d. to	4d.

Every novelty in French and English panelled decorations always on hand; also excellent imitation of fancy woods.

N.B. Patterns sent into the country, by post, showing the style and quality of the above, on receipt of two stamps, and the goods despatched with promptitude on receipt of a remittance to the amount of the order given.

LEGAL AND OTHER IMPORTANT DOCUMENTS CAN BE EFFECTUALLY PROTECTED FROM DAMP AND VERMIN.

DAMP and GASEOUS EXHALATIONS.

SANITARY MEASURES.

MEMBERS of BOARDS of HEALTH are especially DIRECTED to the most EFFECTIVE MEANS which they can ADOPT to PREVENT the injurious and often FATAL EFFECTS upon the HEALTH of the COMMUNITY, arising from the exhalations that are produced from the moisture, decayed animal matter so frequently buried, stagnant water, and collections of foul refuse, tending to produce a miasmatic state of atmosphere. In situations so affected, the impervious quality of the ASPHALTE of SEYSSEL renders it the most perfect PAVEMENT or COVERING that can be relied upon for hermetically closing, and thereby preventing the rising of miasmata and the escape of noxious gases. The present extensive application of this material for covering roofs, terraces, and arches, for preventing the percolation of wet, is strong evidence of its effectiveness for the above purposes.

T. PARRELL, Secretary.

SEYSSEL ASPHALTE COMPANY.

Stangate-near Westminster-bridge, London.

. The exclusive supply of ASPHALTE from the MINES of PYRIMONT SEYSSEL is conceded to this COMPANY.

GLASS TILES, ¼ of an inch thick, packed in cases containing 50 ft. 16s. per case net.

JAMES PHILLIPS and CO. beg to inform builders and the trade they supply SUPERIOR FOREIGN SHEET GLASS in cases of 50 feet, at 10s., 12s., and 14s. per case. STAINED and ORNAMENTAL GLASS in per foot. Hartley's Patent Rough Plate and Patent Quarry Glass.—154, Bishopsgate-street Without.

BELGIAN SHEET-GLASS.—ALFRED GOSLETT begs to inform the Trade that he is prepared to supply the above Glass, of good quality, and 16 ounces to the foot, upon the following terms:—In 50-ft. cases, 10s.; intermediate sizes per foot (none included), 4½d.; parcels of five cases, 4d. per foot; parcels of ten cases, 3½d. per case; or cash to any given size, at 3½d. per foot.

SOHO CROWN, SHEET, ORNAMENTAL, and PLATE-GLASS WAREHOUSE, 18, SOHO-SQUARE.

TO BUILDERS, PLUMBERS, &c.

JAMES MILES'S cheap ENGLISH and FOREIGN WINDOW-GLASS WAREHOUSE, 15, Church-street, Shoreditch, near the Eastern Counties Railway Terminus. Cases of foreign, about 100 feet, various sizes, 42s. per case; ditto of about 50 to 55 ft., 25s. per case; ditto of about 25 ft., 12s. per case; patent plate; Hartley's ROUGH PLATE, stained, ground, and ornamental glass; crown squares of every size in stock; sheet lead pipe; patent gas-pipe; solder and plumbers' brass work of all kinds; white lead, oils, and colours, at low prices. LARGE STOCK of PAPER-HANGINGS; old lead bought to any quantity, or taken in exchange. Bankers glazed and painted to all at very low prices, to any quantity.

SASH GLAZING.—A. ADAMSON, 25, Dorset-street, Berkeley-square, begs to acquaint Builders and the Trade, as to Glazing in sash with CROWN or SHEET GLASS, at 16d. per foot sup. Every description of Glass cut to size and in crates, can be had at the very lowest remunerative prices. Ornamental and Stained Glass in every variety.—Turns Cash.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP. and Borders from SIXPENCE PER FOOT SUP. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE silvered and fine glasses, of unrivalled quality and finish. ROUGH PLATE, CROWN, SHEET, COLOURED, and PLATE ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows, either for house or church decoration. All applications for estimates and lists of prices to be made at their warehouses, 246, OXFORD-STREET.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Coloured, of every description. ROUGH PLATE GLASS from ¼ inch to 1 inch thick. Glass Partition Shades, &c. &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c. Milled and sheet Lands. Lead Pipe from ½ inch to 4 inches bore; Soldering, Water-closets, Basins, Plumbers' and Brass Work of every description, and upon the very best terms. Glass Ornaments, Shades, Table-glass, Perfumery and Fine Glasses.—Address, 97, High-holborn-street Without.

Free Advertisement, Saturday, June 24, 1871.

CHEAP GLASS.—W. HICKSON, 46, Long-acre, begs to call the attention of Builders, &c. to his 21 and 42 oz. of very superior colour and flaw, well suited for shop fronts, &c. in large sizes: 16-oz. ditto 40s. per case; 16-oz. Fr.; ground, 6d. in sheets; crown, 20s. per crate. Estimates forwarded for new glazing, in town or country.

GLASS MOSAIC.—GEORGE HENRY STEVENS, Decorative Artist in Mosaic, begs leave to offer to the notice of the Building Country, and Architectural Societies of the beautiful art of Glass Mosaic, adapted internally in mosaic for some years past, he is now prepared to execute panel or other decorations in geometrical patterns also combined with the introduction of heraldic devices, &c. Especially suitable as inscriptions of the names of Public Buildings. The mosaic is well suited for the floors of halls, corridors, &c., also for the panels and borders of or in the place of marble, &c., &c., in fountains, &c. Also having completed uniformity of standard plans, and embodied in a very strong cement, that renders it so durable as almost to defy time or weather. N.B.—Some of the specimens removed from the Fine Art Court of the Great Exhibition, are now on view at the depot, 14, Stafford-row, Buckingham-gate, Pimlico.

PATENT VULCANISED INDIA-RUBBER TUBING, for Gas Fittings, Chemical Purposes, Fire Engines, Manure Pumps, &c.—JAMES LINE HANCOCK, Sole Manufacturer and Licensee, Gosnell-street, Goswell-road, London, begs to invite the attention of Architects, Builders, Engineers, and the trade generally, to the Vulcanised India-rubber Tubing, which is now manufactured from 1-8 inch bore and upwards, in lengths from 20 to 100 feet, and of various strengths, suitable to the purposes for which it is applied. VULCANISED HOSE for FIRE ENGINES, LIQUID MANURE, and for conveying HOT WATER to BATHS in DWELLING-HOUSES and BREWERIES, manufactured to resist great pressure of any length, and size to order.

. Testimonials may be had on application at the Manufactory.

N.B. VULCANISED WASHERS and SHEET RUBBER of Steam and Hot Water Pipes, and Packings for Pistons and Glands. Boxes of Steam Engines, cut any size to order.

GUTTA PERCHA TUBING.—May be buried for years, without injury, and it is therefore valuable for conveying water, chemicals, &c. It is peculiarly valuable for liquid manure, drain, and soil pipes. Being a non-conductor, it is not affected by the frost of winter or dryness of summer, the extremes of nature. The cottager is entirely relieved from the annoyance of pumps having required a pennyworth of tar, &c., on the opposite bank, without burning. The smaller sizes may be had in 100 feet coils, and the larger in 50 feet lengths. The joints are easily made. As a conductor of sound it is most valuable for conveying messages in lines of bells. Every variety of articles manufactured by the GUTTA PERCHA COMPANY, Patentees, 18, Wharf-road, City-road, London; and sold by their wholesale dealers.

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